

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A transmissive screen applied to a rear projector, the transmissive screen comprising:

a light-guide plate having substantially cylindrical light-guide spaces arranged in a flat substrate; and
a light-exit-angle distribution uniformizing device to make the angular distribution of the light exiting correspondingly from the substantially cylindrical light-guide spaces of the light-guide plate uniform over the transmissive screen, the light-exit-angle distribution uniformizing device being disposed at the light-exiting face side of the light-guide plate, and

wherein the light-exit-angle distribution uniformizing device includes a microlens array having microlenses, each microlens being provided correspondingly to each of the substantially cylindrical light-guide spaces of the light-guide plate, and wherein a material composing the microlenses in a substantially central region of the transmissive screen has a greater refractive index than at least a second material composing the microlenses in a peripheral region of the transmissive screen.

2. (Previously Presented) The transmissive screen according to Claim 1, the light-guide spaces having a diameter in the range of 1 μm to 150 μm .

3. (Previously Presented) The transmissive screen according to Claim 1, the light-guide spaces having a length greater than the diameter of the light-guide spaces, and having a length of 10 mm or less.

4. (Previously Presented) The transmissive screen according to Claim 1, the flat substrate including an opaque material.

5. (Canceled)

6. (Canceled)

7. (Currently Amended) The transmissive screen according to ~~Claim 5~~Claim 1,

the microlens array being disposed on the light-exiting face of the light-guide plate.

8. (Currently Amended) The transmissive screen according to ~~Claim 5~~Claim 1,

the light-guide plate including a light diffusing layer disposed on its light-exiting face, and the microlens array being disposed on the light-exiting face of the light diffusing layer.

9. (Previously Presented) The transmissive screen according to Claim 1, the light-exit-angle distribution uniformizing device being disposed over a light diffusing layer, the light diffusing layer in a central region of the transmissive screen having a haze value greater than at least the haze value of the light diffusing layer in a peripheral region of the transmissive screen.

10. (Previously Presented) The transmissive screen according to Claim 9, the light diffusing layer diffusing light substantially at the surface thereof.

11. (Previously Presented) The transmissive screen according to Claim 9, the light diffusing layer being disposed on the light-exiting face of the light-guide plate.

12. (Previously Presented) The transmissive screen according to Claim 9, the light diffusing layer having a haze value in the range of 5% to 90%.

13. (Previously Presented) The transmissive screen according to Claim 9, the light diffusing layer having a gloss value in the range of 5% to 40%.

14. (Previously Presented) The transmissive screen according to Claim 9, the light diffusing layer having a rough surface with substantially conical protrusions.

15. (Previously Presented) A rear projector, comprising:
 - an optical projection unit;
 - a light-guide mirror; and
 - the transmissive screen according to Claim 1.